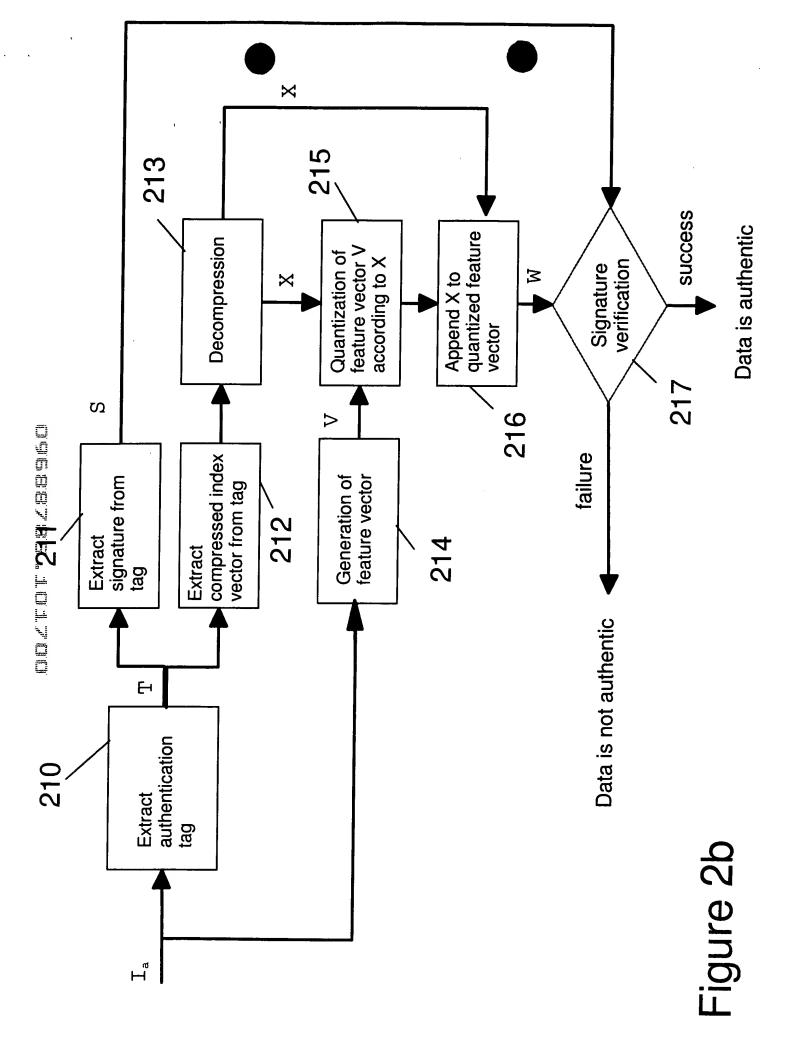
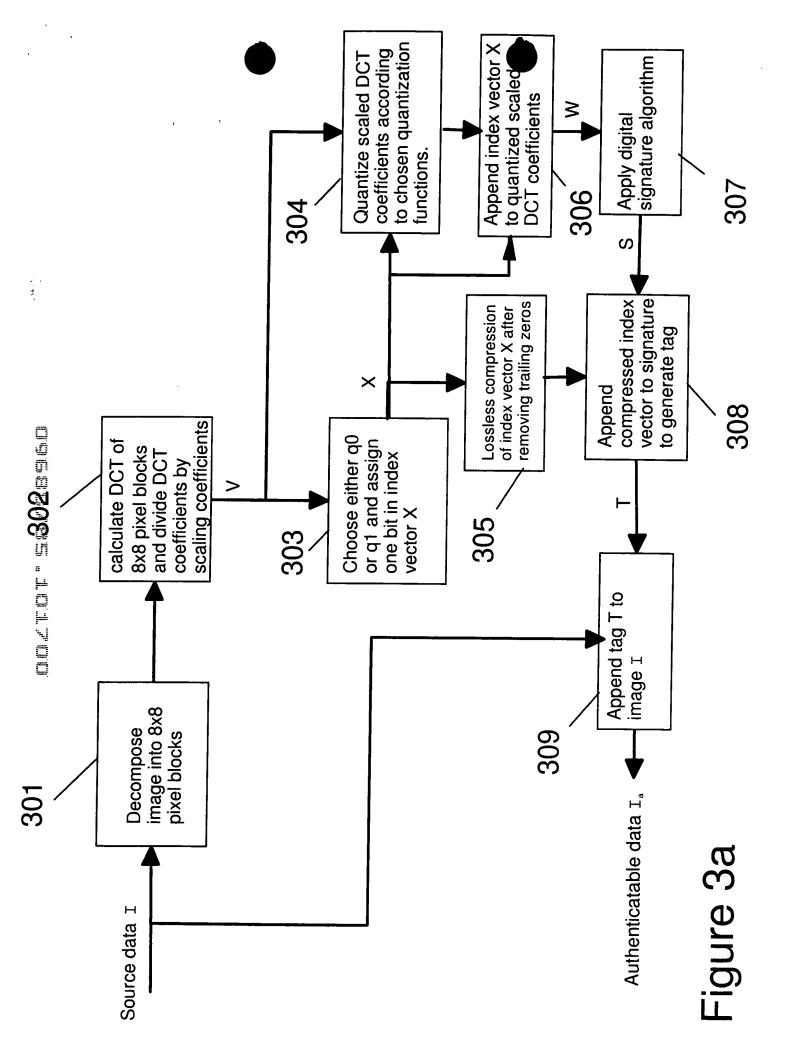


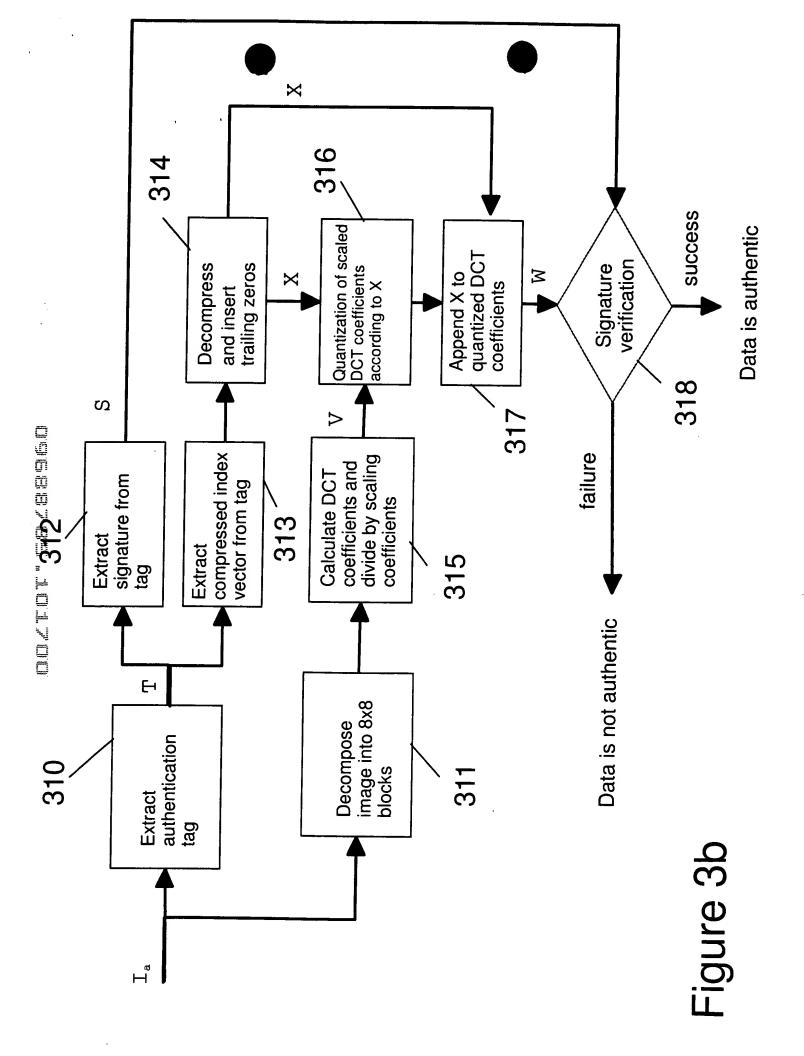
Figure 1a

Figure 1b

Figure 2a







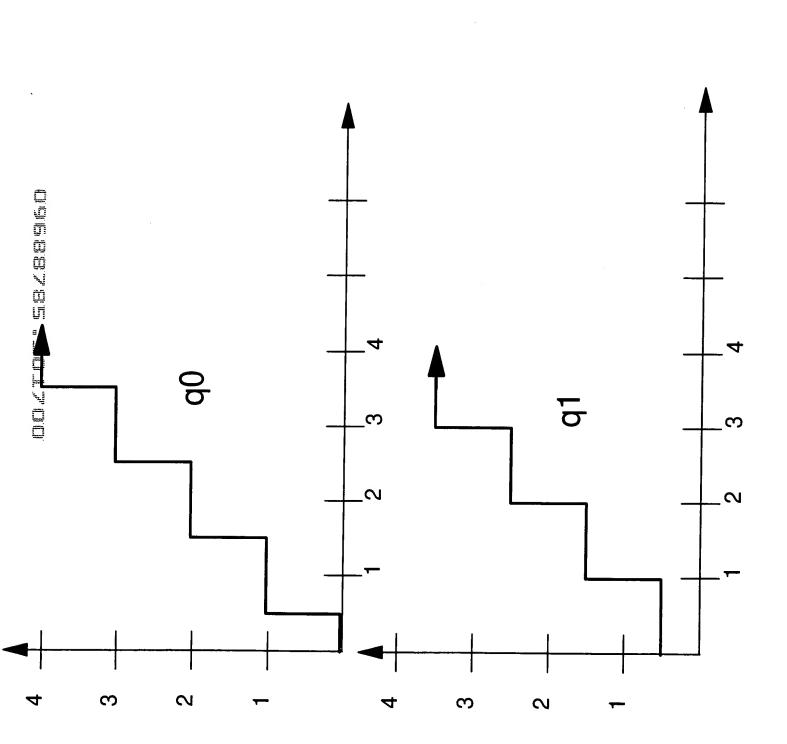


Figure 4

block b	block d
block a	block c

ao					!
מל	a5				
۵ -	a 3	a4			

DCT coefficients of block a

Image

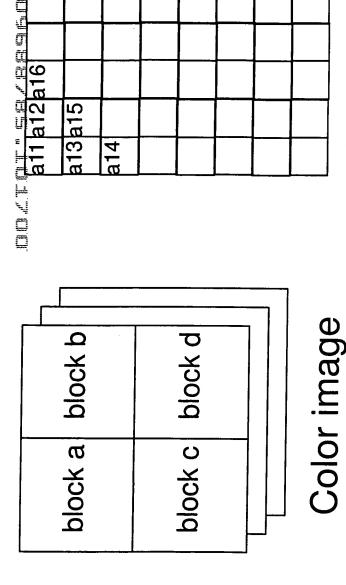
|xa1|xb1|xc1|xd1|xa2|xb2|...

Bits of index vector X

aj is the j-th DCT coefficient of block a.

xaj is the bit corresponding to the quantization function chosen for DCT coefficient aj.

Figure 5a



		_	 _	 	
a16					
a12	a15				
a11 a12 a16	a13a15	a14	į		

DCT coefficients of block a of color plane 1

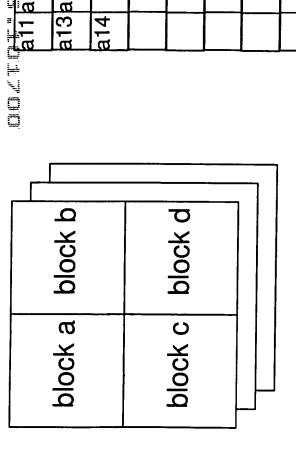
|xa18|xb11|xb12|... |xb18| ... |xd18|xa21| ... |xd38|xa19| ... xa11 xa12 ···

Bits of index vector X

aij is the j-th DCT coefficient of block a of color plane i.

xaij is the bit corresponding to the quantization function chosen for DCT coefficient aij.

Figure 5b



		_			
a16					
a12	a15				
a11 a12 a16	a13a15	a14			
			_	 	

DCT coefficients of block a of color plane 1

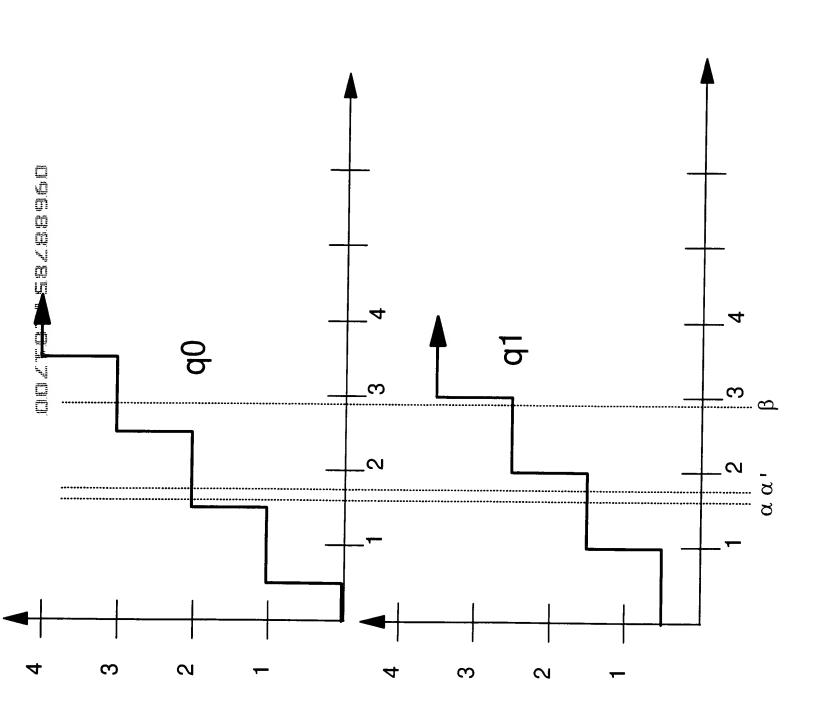
Color image

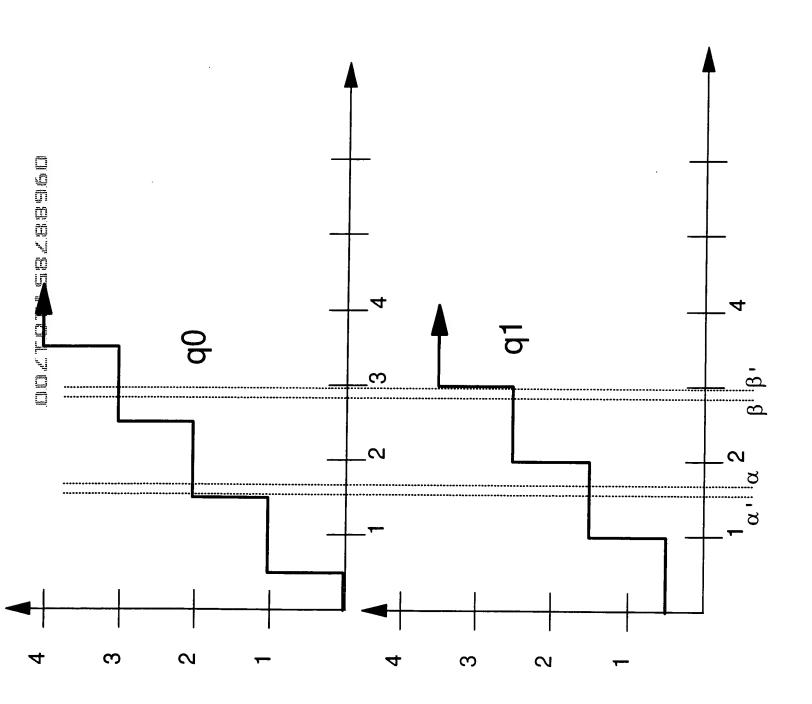
-	
:	
xa12	
xd31	
xc31	
xb31	
xa31	
xd21	
xc21	
xb21	
xa21	
xd11	
xc11	
xb11	
xa11	

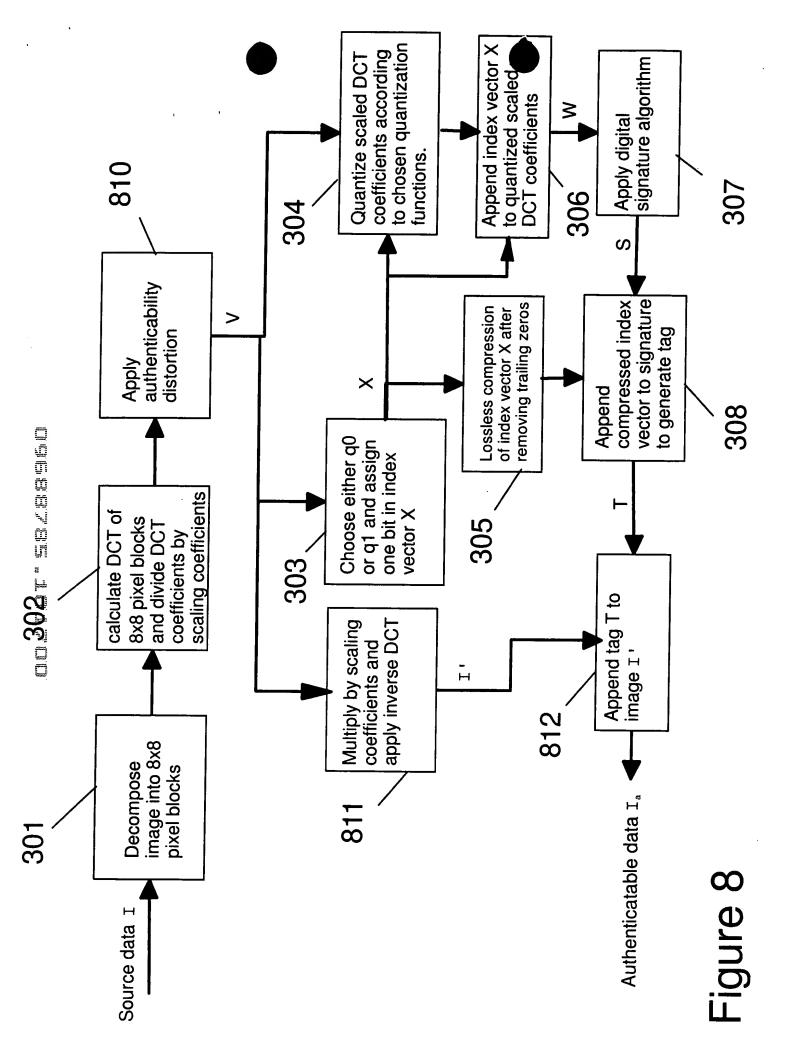
Bits of index vector X

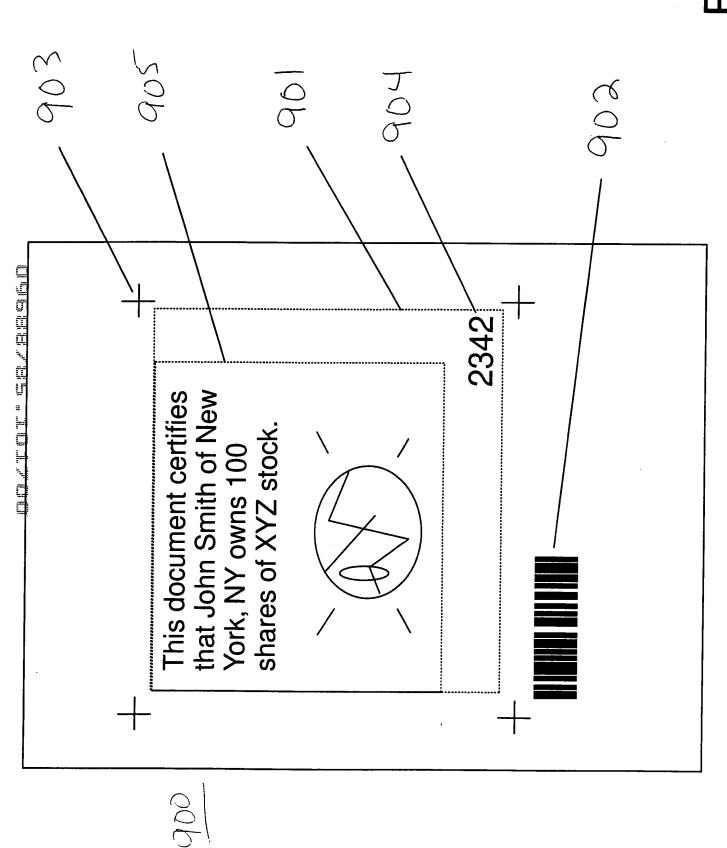
xaij is the bit corresponding to the quantization function chosen for DCT coefficient aij. aij is the j-th DCT coefficient of block a of color plane i.

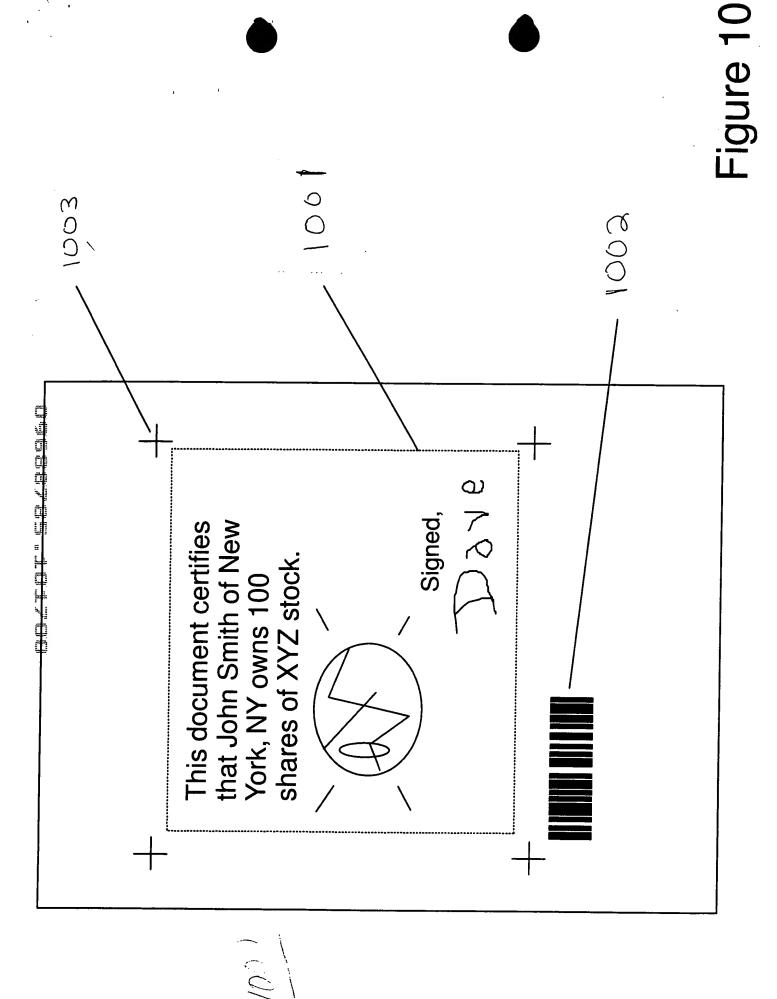
Figure 5c











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